

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6632655".pn. and magnet\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/05/09 09:17
L2	2	"6632655".pn. and magnet\$4 field	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/05/09 09:22
L3	1	"12761147"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/05/09 09:24
L4	2	"6169394".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/05/09 09:25
L5	0	"6169394".pn. and droplet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/05/09 09:25
L6	1	"6169394".pn. and drop\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/05/09 09:26

L7	0	"6169394".pn. and beads	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/05/09 09:26
L10	177	PAMULA.inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/05/09 09:27
L11	13	L10 AND (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/05/09 09:27
L12	0	L11 AND (magnet\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/05/09 09:27
L13	2	"20040055891"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/05/09 09:29
L14	1	"20040055891" and (polar\$7)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/05/09 09:30
L34	21	(US-20040096960-\$ or US-20030026705-\$ or US-20080226500-\$ or US-20030044832-\$ or US-20020076825-\$ or US-20040134854-\$ or US-20040018611-\$ or US-20040053403-\$ or US-20020100714-\$ or US-20050036908-\$ or US-20100258441-\$ or US-20040055891-\$).did. or (US-7138269-\$ or US-6432630-\$ or US-6440722-\$ or US-6730269-\$ or US-6632655-\$ or US-7060227-\$ or US-6911132-\$ or US-6169394-\$).did. or (JP-2003050245-\$).did.	US-PGPUB; USPAT; JPO	WITH	ON	2011/05/09 11:18

L35	19	34 and (heat\$4 or PH or light\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/05/09 11:18
L36	13	34 and (heat\$4 and (PH or light\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/05/09 11:24
L37	0	435/288.2,287.2.ccls.	US-PGPUB; USPAT; JPO	WITH	ON	2011/05/09 11:43
L38	0	435/288.2,287.2.ccls.	US-PGPUB; USPAT; JPO	WITH	ON	2011/05/09 11:43
L39	7406	435/288.2,287.2.ccls.	US-PGPUB; USPAT; JPO	WITH	ON	2011/05/09 11:44
L40	7582	435/288.2,287.2,287.5.ccls.	US-PGPUB; USPAT; JPO	WITH	ON	2011/05/09 11:44
L41	0	422/68.1,500,501,502,503,504,505,506,507,508,82.2,58.ccls.	US-PGPUB; USPAT; JPO	WITH	ON	2011/05/09 11:45
L42	7410	422/68.1,500,501,502,503,504,505,506,507,508,82.02,58.ccls.	US-PGPUB; USPAT; JPO	WITH	ON	2011/05/09 11:46
L43	9786	422/68.1,500,501,502,503,504,505,506,507,508,82.02,82.05,82.08,58.ccls.	US-PGPUB; USPAT; JPO	WITH	ON	2011/05/09 11:46
L44	1516	205/98.ccls. or 436/43.ccls.	US-PGPUB; USPAT; JPO	WITH	ON	2011/05/09 11:46
L45	17401	40 or 43 or 44	US-PGPUB; USPAT; JPO	WITH	ON	2011/05/09 11:46
L46	83209	(MAGNET\$3 or MAGNETISABLE) with (PARTICLE or PARTICULATE or BEAD)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/05/09 11:47
L47	1134	L46 and L45	US-PGPUB; USPAT; JPO	WITH	ON	2011/05/09 11:47
L48	10110	DILUT\$3 and MIX\$3 and MICRO\$1FLUID\$3 and (LIQUID or FLUID or DROPLET)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/05/09 11:47

L49	210	47 and L48	US-PGPUB; USPAT; JPO	WITH	ON	2011/05/09 11:47
L50	93	49 and (@ay<="2004")	US-PGPUB; USPAT; JPO	WITH	ON	2011/05/09 11:47
S1	76083	(MAGNET\$3 or MAGNETISABLE) with (PARTICLE or PARTICULATE or BEAD)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/04 16:42
S2	8306	DILUT\$3 and MIX\$3 and MICRO\$1FLUID\$3 and (LIQUID or FLUID or DROPLET)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/04 16:44
S3	1259	S1 and S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/04 16:44
S4	389	S3 and ((ADHER\$3 or ATTACH\$4) same PARTICLE)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/04 16:45
S5	1207	S3 and (ADHER\$3 or ATTACH\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/04 16:45
S6	1185	S6 and REACT\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/04 16:46
S7	1169	S6 and CHEMICAL	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/04 16:48

S8	898	S7 and ("422".clas. or "435".clas. or "436".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/04 16:56
S9	383	S8 and (@AY<="2003")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/04 16:56
S10	701	S7 and ((SPECIMEN or SAMPLE) same (ADHERE\$3 or ATTACH\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/04 16:57
S11	25	S10 and 422/68.1.CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/04 16:58
S12	293	S10 and (@AY<="2003")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/04 17:00
S13	28	S12 and ((CONTROL\$3 or TRANSFER\$4 or MOVE or MOVING) near (PARTICLE or PARTICULATE or BEAD))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/04 17:01
S14	26	S13 and (CHANNEL or CHAMBER)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/04 17:01
S15	1	("6730269").PN.	US-PGPUB; USPAT	OR	OFF	2010/03/04 17:02
S16	5	((MITSUHIRO) near2 (SHIKIDA)).INV.	US-PGPUB; USPAT	WITH	OFF	2010/03/04 17:03

S17	266	((KAZUO) near2 (SATO)).INV.	US-PGPUB; USPAT	WITH	OFF	2010/03/04 17:03
S18	1	((KOHTA) near2 (INOUCHI)).INV.	US-PGPUB; USPAT	WITH	OFF	2010/03/04 17:03
S19	58	((HIROYUKI) near2 (HONDA)).INV.	US-PGPUB; USPAT	WITH	OFF	2010/03/04 17:03
S20	4	("20030026705"   "20040134854").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/04 17:04
S21	0	S1 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/04 17:05
S22	1	(10/586165).APP.	US-PGPUB; USPAT	OR	OFF	2010/03/04 17:05
S23	17	S14 and VALVE\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/04 17:06
S24	26	S14 and (ANALYSIS or DETECTION or ANALYZE\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/04 17:47
S25	327	BULKHEAD near CHAMBER	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:05
S26	2	S25 and "422".CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:05

S27	218	S25 and (@AY<="2003")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:06
S28	98	S27 and (FLUID or LIQUID or DROPLET)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:07
S29	1	S28 and ("422".CLAS. or "436".CLAS. or "435".CLAS.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:07
S30	9	S28 and MAGNET\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:08
S31	1303	436/43.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:11
S32	1739	"S26" and (LIGHT EMISSION)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:15
S33	76083	(MAGNET\$3 or MAGNETISABLE) with (PARTICLE or PARTICULATE or BEAD)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:15

S34	8306	DILUT\$3 and MIX\$3 and MICRO\$1 FLUID\$3 and (LIQUID or FLUID or DROPLET)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:15
S35	1259	S33 and S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:15
S36	1207	S35 and (ADHER\$3 or ATTACH\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:15
S37	1185	S36 and REACT\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:15
S38	1169	S37 and CHEMICAL	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:15
S39	701	S38 and ((SPECIMEN or SAMPLE) same (ADHERE\$3 or ATTACH\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:15
S40	293	S39 and (@AY<="2003")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:15

S41	28	S40 and ((CONTROL\$3 or TRANSFER\$4 or MOVE or MOVING) near (PARTICLE or PARTICULATE or BEAD))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:15
S42	26	S41 and (CHANNEL or CHAMBER)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:15
S43	26	S42 and (ANALYSIS or DETECTION or ANALYZE\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:15
S44	16	S43 and (LIGHT EMISSION)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:15
S45	13	S44 and pH	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:17
S46	11	S45 and HEAT	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:19
S47	4	("20030026705"   "20040134854").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:20

S48	0	S47 and (LIGHT and HEAT and PH)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:20
S49	19	S40 and ((CONTROL\$3 or TRANSFER\$4 or MOVE or MOVING) near (LIGHT))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/05 09:22
S50	12	(US-20040096960-\$ or US-20030026705-\$ or US-20080226500-\$ or US-20030044832-\$ or US-20020076825-\$ or US-20040134854-\$ or US-20040018611-\$).did. or (US-7138269-\$ or US-6432630-\$ or US-6440722-\$ or US-6730269-\$ or US-6632655-\$).did.	US-PGPUB; USPAT	WITH	OFF	2010/08/12 12:25
S51	0	S50 and (MOVING near MAGET\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/08/12 12:26
S52	0	S50 and (MOVING MAGET\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/08/12 12:26
S53	0	S50 and ((MOVING or CONVEY\$4) MAGET\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/08/12 14:11
S54	10	((MOVING or CONVEY\$4) MAGET\$3) and (PARTICLE or PARTICULATE or BEAD)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/08/12 14:12
S55	32	((MOVING or CONVEY\$4) MAGET\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/08/12 14:12

S56	8	("20030026705"   "20040018611"   "20040134854"   "6432630").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/08/12 14:21
S57	4	"2003050245"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/08/12 16:04
S58	13	(US-20040096960-\$ or US-20030026705-\$ or US-20080226500-\$ or US-20030044832-\$ or US-20020076825-\$ or US-20040134854-\$ or US-20040018611-\$).did. or (US-7138269-\$ or US-6432630-\$ or US-6440722-\$ or US-6730269-\$ or US-6632655-\$).did. or (JP-2003050245-\$).did.	US-PGPUB; USPAT; JPO	WITH	OFF	2010/08/13 09:47
S59	4	S58 and (SEPARATION UNIT)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/08/13 09:47
S60	1	"10586165"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2010/11/22 09:43
S61	1	S60 and (THIN PLATES)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2010/11/22 09:43
S62	0	S60 and (BOTTOM FACE)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2010/11/22 09:45
S63	60	(CHANNEL) and (MICRO\$1FLUID\$3) and (SEPARAT\$3) and ((PROTRUSION or PILLAR or BULKHEAD) near CHANNEL)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2010/11/22 09:57

S64	34	S63 and (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2010/11/22 09:57
S65	2	"20050036908"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/05/09 08:22
S66	1	"12761147"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/05/09 08:44
S67	0	(ADVANCED LIQUID LOGIC).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/05/09 08:47
S68	157	(ADVANCED LIQUID LOGIC).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/05/09 08:47
S69	0	S68 AND (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/05/09 08:47
S70	49	"6169394"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/05/09 08:49

S71	2	"6169394".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/05/09 08:49
S72	177	PAMULA.inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2011/05/09 08:54
S73	13	S72 AND (@AY<="2004")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2011/05/09 08:54

5/9/2011 11:50:32 AM

C:\Documents and Settings\sprenger\My Documents\EAST Workspaces\422\10586165 Chemical Analytic Apparatus 2.wsp